

IDS Form PTO/SB/08: Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/728,145
Filing Date	December 4, 2003
First Named Inventor	Hollomon
Art Unit	1713
Examiner Name	Egwim, Kelechi Chidi
Attorney Docket Number	10292

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
iclf		US-3,836,537	09-17-1994	Boerwinkle et al.	
		US-3,974,116	08-10-1976	Lissant	
		US-4,505,828	03-19-1985	Lipowski et al.	
		US-4,552,670	11-12-1985	Lipowski et al.	
		US-4,599,390	07-08-1986	Fan et al.	
		US-4,673,704	06-16-1987	Flesher et al.	
		US-4,702,844	10-27-1987	Flesher et al.	
		US-4,875,055	10-17-1989	McCann et al.	
		US-5,098,520	03-24-1992	Begala	
		US-5,171,808	12-15-1992	Ryles et al.	
		US-5,200,448	04-06-1993	Robinson et al.	
		US-5,208,216	05-04-1993	Williamson et al.	
		US-5,298,555	03-29-1994	O'Connor et al.	
		US-5,468,797	11-21-1995	Adams et al.	
		US-5,518,634	05-21-1996	Pillai et al.	
		US-5,679,740	10-21-1997	Heitner	
		US-5,739,190	04-14-1998	Hartmann et al.	
		US-5,750,614	05-12-1998	Hund et al.	
		US-5,788,867	08-04-1998	Pearson	
		US-5,837,215	11-17-1998	Tippett et al.	
		US-5,883,181	03-16-1999	Cicchiello et al.	
		US-5,939,485	08-17-1999	Bromberg et al.	
		US-5,958,188	09-28-1999	Heard et al.	
		US-5,985,992	11-16-1992	Chen	
		US-6,020,422	02-01-2000	Connors	
		US-6,040,376	03-21-2000	Mallon et al.	
		US-6,107,398	08-22-2000	Mallo et al.	
		US-6,210,585	04-03-2001	Tippett et al.	
		US-6,217,778	04-17-2001	Shing et al.	
		US-6,221,956	04-24-2001	Chen	
iclb		US-6,310,157	10-30-2001	Heard et al.	

Examiner
SignatureDate
Considered

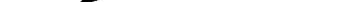
1/26/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO <div style="text-align: center;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT </div> <div style="text-align: center;"> <i>(Use as many sheets as necessary)</i> </div>				Complete if Known	
				<i>Application Number</i>	10/728,145
				<i>Filing Date</i>	December 4, 2003
				<i>First Named Inventor</i>	Hollomon
				<i>Art Unit</i>	1713
				<i>Examiner Name</i>	Egwim, Kelechi Chidi
Sheet	2	of	5	<i>Attorney Docket Number</i>	10292

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ³	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ⁴ (if known)			
	III	US-6,313,199	11-06-2001	Davies et al.	
	I	US-6,331,229	12-18-2001	Wong Shing et al.	
		US-6,359,031	03-19-2002	Lykke et al.	
		US-6,444,091	09-03-2002	Ward et al.	
		US-2002/0176836	11-28-2002	Belli et al.	
		US-2002/0190005	12-19-2002	Branning	
	II	US-2004/0102528 A1	05-27-2004	Walchuk et al.	

[illegible]

Examiner Signature		Date Considered	1/26/95
-----------------------	---	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/728,145
				Filing Date	December 4, 2003
				First Named Inventor	Hollomon
				Art Unit	1713
				Examiner Name	Egwim, Kelechi Chidi
Sheet	3	of	5	Attorney Docket Number	10292

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ⁵	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ⁶ (if known)			
ice		US-4,172,066	10-23-1979	Zweigle et al.	
		US-4,147,688	04-03-1979	Makhoul et al.	
		US-4,203,877	05-20-1980	Baker	
		US-4,426,485	01-17-1984	Hoy et al.	
		US-4,528,321	07-09-1985	Allen et al.	
		US-4,659,431	04-21-1987	Probst et al.	
		US-4,681,912	07-21-1987	Durand et al.	
		US-4,720,346	01-19-1988	Flesher et al.	
		US-4,759,856	07-26-1988	Farrar et al.	
		US-4,921,903	05-01-1990	Fong	
		US-5,104,552	04-14-1992	Cicchello	
		US-5,132,023	07-21-1992	Kozakiewicz et al.	
		US-5,171,808	12-19-1992	Ryles et al.	
		US-5,180,473	01-19-1993	Akune et al.	
		US-5,958,188	09-28-1999	Heard et al.	
		US-6,310,157	10-30-2001	Heard et al.	
ice		US-2004/0102528 A1	05-27-2004	Walchuk et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ¹⁰
		Country Code ⁷ Number ⁸ Kind Code ⁹ (if known)				
ice		EP 0 202 780	11-26-1986	Flesher et al.		
ice		EP 0 584 771 A1	03-02-1994	Long et al.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁹
		U.S. District Court Civil Docket (District of Delaware): Ciba Specialty Chemicals Corp. v. Hercules Inc. and Cytec Industries, Inc. Complaint dated May 7, 2004.	
		Answer and Counterclaims of Defendant Hercules, Inc. dated November 17, 2004.	
		Amended Answer and Counterclaims of Defendant Hercules, Incorporated.	

Examiner Signature		Date Considered	1/26/05
-----------------------	---	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/728,145
				Filing Date	December 4, 2003
				First Named Inventor	Hollomon
				Art Unit	1713
				Examiner Name	Egwim, Kelechi Chidi
				Attorney Docket Number	10292
Sheet	4	of	5		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁸
Ull		Public version of Expert Report of Robert K. Prud'homme dated September 7, 2005 (unredacted version dated July 22, 2005).	
		Exhibit A to public version of Expert Report of Robert K. Prud'homme: Curriculum Vitae of Robert K. Prud'homme.	
Ull		Public version of Expert Report of James N. Greenshields dated September 7, 2005 (unredacted version dated August 19, 2005).	
		Exhibit A to public version of Expert Report of James N. Greenshields: Curriculum Vitae of James N. Greenshields.	
Ull		Exhibit H to public version of Expert Report of James N. Greenshields: Hernandez-Barajas et al., Polymers for Advanced Technologies, 6:509-517 (1995).	
Ull		Exhibit I to public version of Expert Report of James N. Greenshields: Hernandez-Barajas et al., Polymer, 38(2):437-447 (1997).	
Ull		Public version of Expert Report of Charles P. Klass dated July 22, 2005.	
		Exhibit A to public version of Expert Report of Charles P. Klass: Curriculum Vitae of Charles P. Klass	
Ull		Exhibit D to public version of Expert Report of Charles P. Klass: Avery, Tappi 62(2):43-46 (1979).	
		Public version of Rebuttal Expert Report of Charles P. Klass dated September 7, 2005 (unredacted version dated August 19, 2005).	
		Exhibit D to public version of Rebuttal Expert Report of Charles P. Klass: Dictionary of Paper, 5 th Edition, 181, 195 (Michael Kouris ed., Tappi Press 1996).	
		Exhibit E to public version of Rebuttal Expert Report of Charles P. Klass: Retention of Fines and Fillers During Papermaking 80-97 and 175 (Jerome M. Gess ed., Tappi Press 1998).	
		Public version of Rebuttal Expert Report of Robert K. Prud'homme dated September 7, 2005 (unredacted version dated August 19, 2005).	
		Exhibit 5 to Rebuttal Expert Report of Robert K. Prud'homme: Cabane et al., Nature 314:385 (1985).	
		Exhibit 6 to Rebuttal Expert Report of Robert K. Prud'homme: Grieser et al., J. Phys. Chem. 92(20):5580-5593 (1988).	
		Exhibit 17 to Rebuttal Expert Report of Robert K. Prud'homme: Pure and Applied Chemistry 40(3):479-491 (1974).	
		Exhibit 18 to Rebuttal Expert Report of Robert K. Prud'homme: Pure and Applied Chemistry 68(12):2287-2311 (1996).	
		Exhibit 20 to Rebuttal Expert Report of Robert K. Prud'homme: Polymer Handbook 23-24 (J Brandup & E.H. Immergut eds., Wiley Interscience 1995).	
		Exhibit 24 to Rebuttal Expert Report of Robert K. Prud'homme: Jain et al., Macromolecules 37:1511-1523 (2004).	
Ull		Exhibit 28 to Rebuttal Expert Report of Robert K. Prud'homme: Panmai et al., Langmuir 18:3860-3864 (2002).	
		Exhibit 32 to Rebuttal Expert Report of Robert K. Prud'homme: Graph prepared by Dr. Robert Gelman.	
		Exhibit 33 to Rebuttal Expert Report of Robert K. Prud'homme: NMR measurements performed by Hercules.	
Ull		Public version of Supplemental Expert Report of James N. Greenshields dated September 26, 2005.	
		Public version of Supplemental Expert Report of Charles P. Klass dated September 26, 2005.	
Ull		Public version of Supplemental Expert Report of Robert K. Prud'homme dated September 26, 2005.	
Ull		Public version of Expert Report of Professor Norman J. Wagner, Ph.D., dated July 22, 2005.	

Examiner Signature		Date Considered	7/26/08
--------------------	--	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/728,145
				Filing Date	December 4, 2003
				First Named Inventor	Hollomon
				Art Unit	1713
				Examiner Name	Egwim, Kelechi Chidi
Sheet	5	of	5	Attorney Docket Number	10292

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Exhibit A to public version of Expert Report of Professor Norman J. Wagner: Curriculum Vitae of Professor Norman J. Wagner.	
		Exhibit B to public version of Expert Report of Professor Norman J. Wagner: List of Documents and Materials considered by Norman J. Wagner.	
1002		Public version of Expert Report of Professor Robert G. Gilbert, Ph.D., dated July 22, 2005.	
		Exhibit A to public version of Expert Report of Professor Robert G. Gilbert: Curriculum Vitae of Professor Robert G. Gilbert.	
		Exhibit B to public version of Expert Report of Professor Robert G. Gilbert: Publications by Professor Robert G. Gilbert.	
		Exhibit C to public version of Expert Report of Professor Robert G. Gilbert: List of documents considered by Professor Robert G. Gilbert.	
1006		Hunkeler, Polymer 22:5623-41 (1997).	
		Lamb et al., Biomacromolecules 2:518-525 (2001).	
		Subramaniam et al., Macromol. Symp. 152:43-53 (2000).	
		Santangelo et al., J. Non-Crystalline Solids 235:709-716 (1988).	
		Moad et al., Macromolecules 29:7717-7726 (1996).	
		Seabrook et al., J. Polym. Sci. Part A Polym. Chem. 43:1357-1368 (2005).	
		Lacik et al., Macromol. Chem. Phys. 205:1080-1087 (2004).	
		Gavat et al., J. Polym. Sci. Polymer Symp. 64:125-140 (1978).	
		Matsuoka et al., Polymer 43:3447-3453 (2002).	
		Rotureau et al., Macromolecules 38:4940-4941 (2005).	
		International Union of Pure and Applied Chemistry Macromolecular Division, Commission on Macromolecular Nomenclature, Glossary of Basic Terms in Polymer Science (IUPAC Recommendations 1996).	
		Public version of Rebuttal Expert Report of Clarence A. King, Ph.D., dated August 19, 2005.	
		Public version of Rebuttal Expert Report of Robert G. Gilbert, Ph.D., dated August 18, 2005.	
		Public version of Supplemental Report of Norman J. Wagner, Ph.D., dated October 14, 2005.	
		Exhibit D to public version of Supplemental Report of Norman J. Wagner: Ma et al., Macromolecules 35:2024-2029 (2002).	
		Exhibit F to public version of Supplemental Report of Norman J. Wagner: Barnes, J. Rheology 33(2):329-366 (1989).	
		Public version of Supplemental Report of Clarence A. King, Ph.D., dated October 14, 2005.	
		Public version of Supplemental Report of Professor Robert G. Gilbert, dated October 14, 2005.	
1002		Exhibit Q to public version of Supplemental Expert Report of Robert G. Gilbert, Ph.D.: portion of prosecution history of U.S. Application NO. 07/886,209, which issued as U.S. Patent No. 5,274,055.	

Examiner Signature		Date Considered	1/26/04
--------------------	--	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.